<center>**AMENDMENT**</center>

Amendments to the Claims:

This listing of claims will replace all prior versions, and listing, of claims in the application.

1. – 30. (Canceled)

31. (Currently Amended): A method for replicating data over a network, the method comprising the steps of:

(a) <u>before the replication is to be done,</u> determining whether the replication should be accomplished in a one or two phase method <u>based on setup information</u>;

(b) if the replication is determined to be accomplished in a one phase method, sending replication information determined to be accomplished in a one phase method by:

sending a packet of information from the master server to the slave server, the information relating to a change in data stored on the master server and containing a version number for a present state of the data;

thereafter, receiving the packet of information to a slave server;

thereafter, allowing the slave server to determine whether the data on the slave server has been updated to correspond to the version number; and

thereafter, requesting a delta be sent from the master server to the slave server if the slave server does not correspond to the version number, the delta containing information needed to update the slave server;

(c) if the replication is determined to be accomplished in a two phase method, sending replication information determined to be accomplished in a two phase method by:

sending a packet of information from the master server to the slave server, the information relating to a change in the data stored on the master server and containing a version number for the present state of the data;

thereafter, allowing the slave server to determine whether the slave server has been updated to correspond to the version number, and to further determine whether the slave server can process the packet of information;

thereafter, sending a signal from the slave server to the master server indicating whether the slave server needs to be updated and whether the slave server can process the packet of information;

thereafter, sending a response signal from the master server to the slave server indicating whether the slave server should commit to the packet of information; and

thereafter, committing the packet of information to the slave server if so indicated by the response signal;

wherein the update is committed to all the slaves if all the slaves are able to commit the update and the update is not committed to any slave, if any slave is not able to commit the update.

32. (Currently Amended):   A method for replicating data over a network, the method comprising the steps of:

(a) before the replication is to be done, determining whether replication should be accomplished in a one or two phase method based on setup information;

(b) if the replication is determined to be accomplished in a one phase method, sending data to be replicated in a one phase method by:

sending a version number for a current state of the data from a master server to a slave server;

thereafter, requesting a delta be sent from the master server to the slave server if the data on the slave server does not correspond to the version number; and

(c) if the replication is determined to be accomplished in a two phase method, sending data to be replicated in a two phase method by:

sending a packet of information from the master server to a slave server;

thereafter, determining whether the slave server can process the packet of information; and

thereafter, committing the packet of information to the slave server if the slave server can process the packet of information;

wherein the update is committed to all the slaves if all the slaves are able to commit the update and the update is not committed to any slave, if any slave is not able to commit the update.

33. (Currently Amended):   A method for replicating data from a master to a plurality of slaves on a network, the method comprising the steps of:

(a) before the replication is to be done, determining whether replication should be accomplished in a one or two phase method based on setup information;

(b) if the replication is determined to be accomplished in a one phase method, sending data to be replicated in a one phase method by:

sending a version number for a current state of the data from the master to each slave; and

thereafter, requesting a delta be sent from the master to each slave containing data that does not correspond to the version number;

(c) if the replication is determined to be accomplished in a two phase method, sending data to be replicated in a two phase method by:

sending a packet of information from the master to each slave; and

thereafter, committing the packet of information to the slaves if each of the plurality of slaves can process the packet of information;

wherein the update is committed to all the slaves if all the slaves are able to commit the update and the update is not committed to any slave, if any slave is not able to commit the update.

34. (Currently Amended):   A method for replicating data from a master to a plurality of slaves on a network using one and two phase methods, the method comprising the steps of:

(a) before the replication is to be done, determining whether the replication should be accomplished in a one or two phase method based on setup information;

(a) (b) sending data to be replicated in a one phase method by sending a version number for a current state of the data from the master to each slave so that, thereafter, each slave may request a delta to be sent from the master to the slave to update the data on the slave; and

(b) (c) sending data to be replicated in a two phase method by sending a packet of information from the master to each slave, thereafter, the packet of information to be committed by each slave if every slave is able to commit the packet of information;

wherein the update is committed to all the slaves if all the slaves are able to commit the update and the update is not committed to any slave, if any slave is not able to commit the update.

35. (Currently Amended):   A method for replicating data on a clustered network using one and two phase methods, each network cluster containing a cluster master and at least one cluster slave, the method comprising the steps of:

(a) before the replication is to be done, determining whether the replication should be accomplished in a one or two phase method based on setup information;

(a) (b) sending data to be replicated in a one phase method by sending a version number for the current state of the data from a first cluster master to all other cluster masters so thereafter the other cluster masters may each request a delta; and

(b) (c) sending data to be replicated in a two phase method by sending a packet of information from the first cluster master to each other cluster master, thereafter the packet of information to be committed by the other cluster masters if the other cluster masters are able to commit the packet of information;

wherein the update is committed to all the slaves if all the slaves are able to commit the update and the update is not committed to any slave, if any slave is not able to commit the update.

36. (Original): A method according to claim 35, further comprising:

sending the data from each cluster master to each cluster slave in the cluster with that cluster master by a one-phase method.

37. (Previously presented): A method according to claim 35, further comprising:

sending the data from each cluster master to each cluster slave in the cluster with that cluster master by a two-phase method.

38. – 67. (Cancelled)

68. (New)   The method of claim 31, wherein multiple data items are replicated over the network, each data item having an associated data item identifier; and

wherein the version number is associated with one of the data item identifiers.

69. (New)   The method of claim 32, wherein multiple data items are replicated over the network, each data item having an associated data item identifier; and

wherein the version number is associated with one of the data item identifiers.

70. (New)   The method of claim 33, wherein multiple data items are replicated over the network, each data item having an associated data item identifier; and

wherein the version number is associated with one of the data item identifiers.

71. (New)   The method of claim 34, wherein multiple data items are replicated over the network, each data item having an associated data item identifier; and

wherein the version number is associated with one of the data item identifiers.

72. (New)   The method of claim 35, wherein multiple data items are replicated over the network, each data item having an associated data item identifier; and

wherein the version number is associated with one of the data item identifiers.